MiG-21 "Lancer" UPGRADE

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The MiG-21 aircraft has the potential to be a superlative fighter and Elbit Systems' modular "Lancer" Upgrade provides the critical additions that multiply the aircraft's effectiveness. As an aircraft systems integrator and avionics systems supplier, Elbit Systems is in a unique position to perform comprehensive upgrades and assume responsibility for the entire program as prime contractor. Upgrade programs may be performed step-by-step, choosing the most cost-effective modules that gradually lead to expanded capabilities.

Major Advantages

- Improved Air-to-Air capability
- Improved Air-to-Ground capability
- Increased survability

Improved Capabilities

- Advanced Air-to-Air missile launching capability
- Accurate and agile firing during dogfights
- Enhanced capability to confront and intercept enemy aircraft
- Accurate navigation to target and safe return
- Effective target engagement with conventional or smart ammunition
- Early warning of enemy aircraft and lock-on
- Safe flight due to head out operation and HOTAS
- Advanced Air-to-Ground capabilities

Key Features

- Advanced Multimode Radar for Air-to-Air
- Range Radar for close air support
- Navigational sensors such as Hybrid Navigation System & Global Positioning System
- Stores Management System for computerized armament management
- Computerized Air Data Center
- Communication System and Radio/Navigation suite
- Modular Multirole Computer
- Advanced Display System including HUD, DASH, MFCD, MFD